

Next Monitoring Phase

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Project Phases

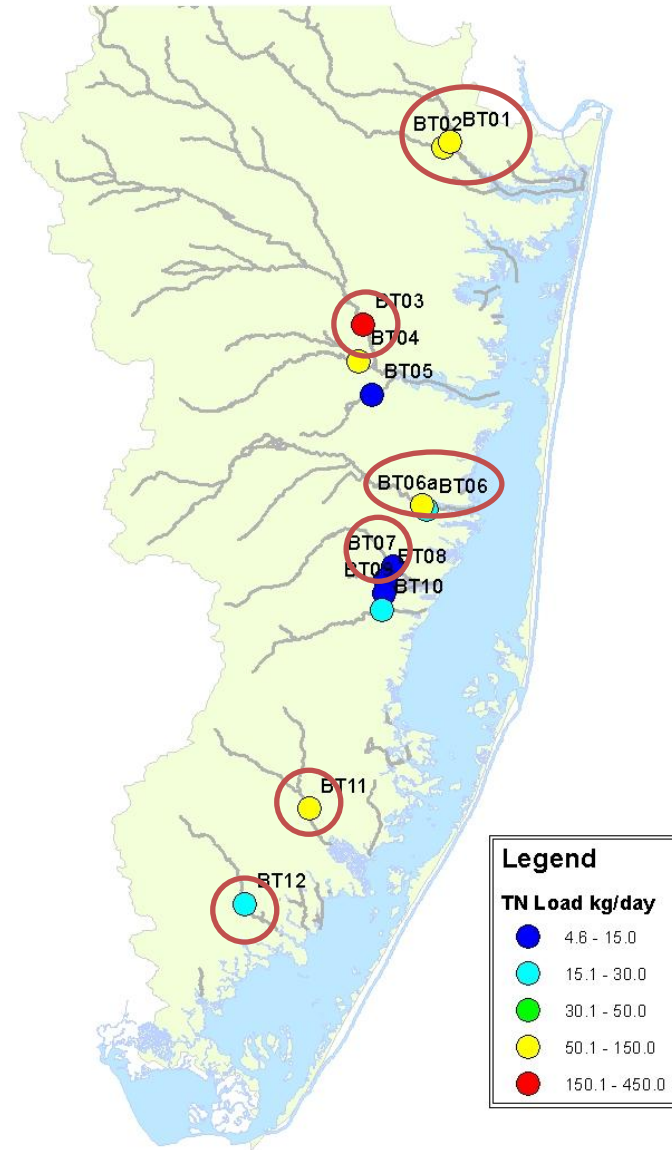
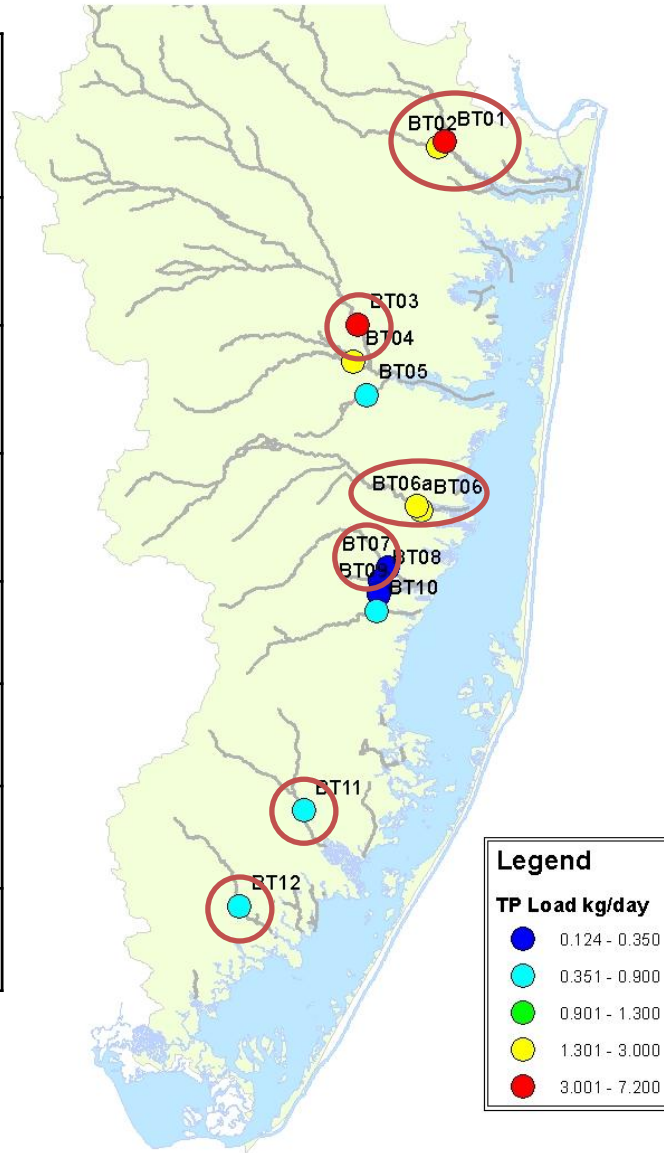
- **Phase 1:** *Completed*
 - 10 Months
 - June 2011 – March 2012
- **Phase 2:** *Completed*
 - 9 Months
 - April – December 2012
 - Included 2 intensive sampling events (July & August)
- **Phase 3:** In progress
 - 6 Months
 - January – June 2013

Phase 3 Questions

- Worked with USGS, BFBM and BMWM to perform a network analysis based on sampling results from Phase 1 and 2 to answer several questions:
 - Could we reduce tributary sampling locations?
 - Are bottom samples needed at all bay locations?
 - Could we reduce parameters- CBOD20,CBOD5, BOD5 ?
 - Is there a need to adjust sampling frequency?

Reduce Tributaries

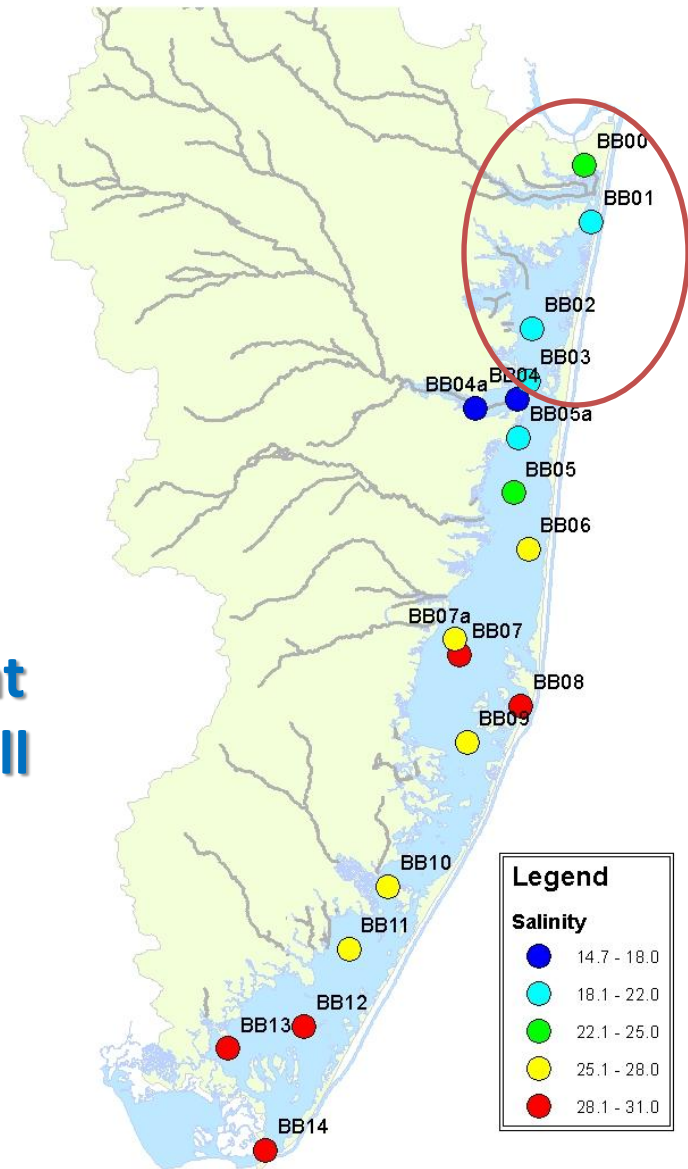
Site #	WQ Site Partner
BT01	Brick MUA
BT02	Brick MUA
BT03	DEP-BFBM
BT06a	OCHD
BT07	MATES
BT11	BBP
BT12	BBP



Reduce Bay Bottom Grab Samples

Site #	WQ Partner
BB00-BB04A	Monmouth University
BB05A-BB08	EPA
BB09-BB14	DEP-Leeds Pt.

- Continue to collect field parameters at both a surface and bottom depth at all 15 bay locations



Phase 3 Summary

January 2013-June 2013

- Reduce tributary sampling locations from 12 to 7
- Remove bottom samples from select bay locations
- Modified CBOD20 and BOD5 sampling schedule
- Continue Chl a in tributaries- August 2012
- Potentially increase sampling frequency earlier in the year- MARCH 2013

Thank You -DEP Project Partners



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